

WPC WALL PANELS

Product Data Sheet | Large-Format Bamboo Charcoal Wood Veneer Board | 2900 × 1200 × 8 mm

Ecolux WPC Wall Panels are large-format bamboo charcoal wood-plastic composite boards that deliver a seamless, premium wall finish with minimal joins. At 2900 × 1200 mm, a single board covers nearly 3.5 m² of wall — ideal for full-height feature walls, media walls and commercial fit-outs. The dense composite core is waterproof, termite-resistant and dimensionally stable, and installs directly over sound substrates without wet trades.

TECHNICAL SPECIFICATIONS

Panel size	2900 × 1200 × 8 mm (coverage approx. 3.48 m ² per board)
Material	Bamboo charcoal wood-plastic composite (WPC) with decorative surface film
Core	High-density co-extruded WPC — waterproof and termite-resistant
Weight	Approx. 8 – 10 kg/m ² (board approx. 28 – 35 kg)*
Surface finishes	Timber grains, stone, marble, concrete, fabric and solid colours
Edge profile	Square edge for near-seamless butt joins; trims and joiners available
Water resistance	100% waterproof core — suitable for bathrooms and laundries
Fire performance	Fire-retardant composite — refer to certification on request*
VOC / formaldehyde	Low-VOC, E1-compliant composition*
Installation	Construction adhesive and/or mechanical fixing to flat, sound substrate
Cutting	Circular saw or track saw with fine-tooth blade
Service temperature	–20 °C to +60 °C; interior use
Expected service life	20+ years interior with correct installation

**Performance values are typical of the product range. Certification documents (fire test reports, VOC/E1 compliance, acoustic test data where applicable) available on request — confirm project-specific requirements with our team prior to specification.*

KEY BENEFITS

- **Near-seamless coverage** — one board spans a full wall height with minimal visible joins
- **Waterproof core** — a true alternative to tiling in bathrooms and laundries, without grout lines
- **Fast, dry installation** — no wet trades, no render, no waiting; walls transformed in a day
- **Dimensionally stable** — won't warp, swell or attract termites like timber sheet products
- **Premium finishes** — realistic timber, stone and marble surfaces at a fraction of the cost of the real material

APPLICATIONS

- Full-height feature walls and TV media walls
- Bathroom and laundry wall linings (grout-free alternative to tiles)
- Commercial fit-outs — offices, reception areas, hospitality
- Bedheads, hallways and stairwells
- Ceiling linings and bulkheads

INSTALLATION OVERVIEW

- 1. Prepare** — substrate must be clean, dry, flat and sound; remove loose paint or render.
- 2. Measure & cut** — cut boards to length with a fine-tooth circular or track saw.
- 3. Fix** — apply construction adhesive in vertical beads; press board firmly and brace, or mechanically fix through concealed zones.
- 4. Join & trim** — butt-join boards tightly; finish edges and corners with matching aluminium or WPC trims.

Full installation guide and fixing recommendations available from our showroom team.

CARE & MAINTENANCE

Wipe with a damp cloth and pH-neutral cleaner. Avoid abrasive pads and solvent-based cleaners. No sealing or refinishing required for the service life of the product.

SEE IT IN THE SHOWROOM

Full-size displays are on show at our Osborne Park showroom. Bring your plans or photos and our team will help you spec the right finish, quantity and fixing system for your project.